

A news report states that the steps being taken to “protect” the environment and its species balance is not working. Your job is to investigate and see if they are correct.

- Days 1- 2 days - You will be conducting your own research, collecting pictures and specific information on which steps are being used to improve environmental or species conditions and, when possible, specific information on whether it is successful.
(For example, how many times has reintroduction been used and how often has it worked?)
 - Day 3- Work within a group with others researching the same general topics. Discuss your findings and brainstorm to determine if the same methods are being used and where it has or has not worked.
 - Day 4- Work on producing your presentation. (Each of you will produce your own presentation.
 - **If you are not finished by the end of Day 4, it is homework.**
 - Day 6- Present your findings to the class.
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- *Choose a topic of interest to you with the goal of determining **how it is being effected** by the environment, or how **it is affecting the environment***
 - Identify a target to research to determine how current methods are working. Use your chapter 5 outline for suggestions. Options would include the following:
 - methods used to protect species- reintroduction,
 - Causes of reduction in biodiversity – exotic species (alien/invasive), habitat degradation (pollution), habitat loss, ...
 - Specific types of species,
 - Go to <http://vhassell.wikispaces.com/> and then open Biology on the left side. There are several choices for you to investigate your topics.
 - You will be producing a presentation of some form, which will be graded using a rubric with aesthetics, content, visuals... etc. Remember to gather your information and record your sources.

Choices in Presentations- but use same topics

- Research paper- 3 pages typed (double spaced, Calibri, size 10 font) Ask for rubric.
- Biome travel brochure- Rubric and specific information on format expected- Ask for rubric
- Wanted Poster for exotic/invasive species
- Informative
- Informative Poster on how individuals can take steps to protect endangered species or the environment

Specific Topics for Presentations

Endangered species	Reintroduced species	History of Species change	Alien/ Invasive species	Methods of saving species
Sea Otter- California	Elk in Eastern US	Turkeys	Tamarisk tree in US	Captive breeding
Snail Darter	Wolves- WY, CO, Smoky mountains.	Wood Ducks	Water hyacinth in US	Endangered Species Act
Western Spotted Owl	Mexican Gray Wolf	Antelopes	Kudzu in US	Habitat Corridors
Grizzly Bear	California Condor	Bison	Zebra mussel in US	Habitat Preservation (include limiting fragmentation)
Whooping Crane	Peregrine Falcon	Canadian Geese	Nutria in US	Germ-Plasm Banks
Bald Eagle	Black footed Ferret	Alligator in US	Frankenstein fish (GM)	Provide Critical Resources
Canadian Lynx		Eagles	Brown tree snake- Guam	Grow to sell?
Preble's meadow jumping Mouse			Rabbits in Australia	
Toad, Wyoming			Cane Toads in Australia	
Gray Wolf			Prickly Pear Cactus	
Colorado Butterfly plant			Brazilian Pepper Tree	
Ladies' tresses, Ute			Chinese Tallow tree	
			Fire ant- US	
			Formosan Termite	

Name _____

Class _____

Day 1: Topic _____

Picture- if possible, get picture and source! _____

Information Sources: _____

Situation: _____

Specific facts that illustrate the problems;

Problems/steps currently used

Information gathered on the effectiveness of the steps:

Use the back if needed

Name _____

Class _____

Day 2: Topic _____

Picture- if possible, get picture and source! _____

Information Sources: _____

Situation: _____

Specific facts that illustrate the problems;

Problems/steps currently used

Information gathered on the effectiveness of the steps:

Use the back if needed

Name _____

Class _____

Day 3 General Discussion Topic: _____

Person 1 topic: _____

Problems/steps currently used _____

Person 2 topic: _____

Problems/steps currently used _____

Person 3 topic: _____

Problems/steps currently used _____

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Name _____

Class _____

Day 4: What is important and should be included on the poster?

Topic: _____

Situation: _____

Specific facts that illustrate the problems;

Problems/steps currently used and explain why they are or are not effective.

What other options would you suggest?
